

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: SONZOGNI, Stefano

SERIAL NO.:

FILED: Herewith

TITLE: BORING UNIT FOR COMPLEX PARTS, PARTICULARLY FOR DOOR HANDLES,
WITH DIFFERENTIAL CONTROL SYSTEMS

PRELIMINARY AMENDMENT

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Sir:

In conjunction with the filing of the present application, and prior to an initial Official Action on this matter, please amend the above-identified application as follows:

Preliminary Amendment: SPECIFICATION AMENDMENTS

In Paragraph [0018], please amend the paragraph as follows:

Figure 1 is a sectional view of the boring unit of the present invention.

In Paragraph [0019], please amend the paragraph as follows:

Figure 2 is a detailed sectional view of the boring unit of the present invention.

IN THE ABSTRACT

On page 10, in the Abstract, please amend the paragraph as follows:

The invention is a new boring unit for complex parts, ~~comprising~~ including a fixing pin(A), suitable for holding the piece(Θ) in its hole, and two concentric cylinders(Ci, Ce) coaxial with ~~said the~~ pin (A) that are set rotating in the same direction by two electric motors(Mi, Me). The inner cylinder (Ci) is provided, at its end facing the grip(Ae) of the pin(A), with a conical toothing(Cie), and the outer cylinder(Ce) is provided, at its end facing the grip(Ae) of the pin(A), with a tool-holder(P) with radial translation mechanisms(Pm) of the tools(U) and a bevel gear wheel(Pie) meshing with the conical toothing(Cie) of the inner cylinder(Ci) and connected with the radial translation mechanism(Pm) of the tools(U). The radial translation of the tools(U) is obtained by rotating ~~said the~~ cylinders (Ci, Ce) at different speeds by means of the electric motors(Mi, Me), that is, by generating a relative motion between them.